(FILE 'HOME' ENTERED AT 10:03:58 ON 02 JAN 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 10:04:05 ON 02 JAN 2002

L1	3392 S	GALACTOSE (2N) OXIDASE
L2	200 S	L1 AND (DENDROIDES OR ROSELLUS)
L3	17 S	L2 AND MUTA?
L4	11 DUP REM	L3 (6 DUPLICATES REMOVED)

FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 13:27:54 ON 08 JAN 2002

```
          E AU=ARNOLD F/AU
          E AU=PETROUNIA I/AU
          E ARNOLD F/AU
L1     0 S E3 AND OXIDASE
L2     0 S E3 AND GALACTOSE
L3     0 S E3 AND MUTANT
L4     0 S E3 AND MUTANT
          E PETROUNIA I/AU
L5     2 S E5 AND OXIDASE
          E ARNOLD F/AU
          E ARNOLD FRANCES/AU
L6     2 S E5 AND OXIDASE
```

FILE 'STNGUIDE' ENTERED AT 13:32:44 ON 08 JAN 2002
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          SET SMA OFF
```

FILE 'CAPLUS' ENTERED AT 13:34:39 ON 08 JAN 2002
```
          SEL RAN.CAPLUS(5) L6 1
          SET SMA LOGIN
L7     1 S E1
```

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             (FILE 'HOME' ENTERED AT 14:12:41 ON 13 SEP 2001)

          FILE 'CEN' ENTERED AT 14:18:51 ON 13 SEP 2001

          FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 14:18:54 ON 13 SEP
          2001
L1          3710 S GALACTOSE (S) OXIDASE
L2           187 S L1 AND (DACTYLIUM (1N) DENDROIDES)
L3             2 S L2 AND MUTAT?
L4            49 S L1 AND MUTAT?
L5            35 DUP REM L4 (14 DUPLICATES REMOVED)
L6             3 S L5 AND (CYS OR CYSTEINE)

          FILE 'STNGUIDE' ENTERED AT 14:22:17 ON 13 SEP 2001

          FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 14:26:48 ON 13 SEP
          2001
L7          3368 S GALACTOSE (2N) OXIDASE
L8           168 S L7 AND (MUTA? OR CYS OR CYSTEINE)
L9           102 DUP REM L8 (66 DUPLICATES REMOVED)
L10           47 S L9 AND SUB?
L11          135 S L7 AND (MUTA? OR SER OR SERINE)
L12           36 S L11 AND (VARIANT? OR MODIFI?)
L13           21 DUP REM L12 (15 DUPLICATES REMOVED)

          FILE 'STNGUIDE' ENTERED AT 14:31:57 ON 13 SEP 2001
         (FILE 'HOME' ENTERED AT 12:06:07 ON 17 SEP 2001)

          FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 12:07:51 ON 17 SEP
          2001
L1          3369 S GALACTOSE (2N) OXIDASE
L2             2 S L1 AND THERMOSTAB?
L3             2 DUP REM L2 (0 DUPLICATES REMOVED)

          FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA, BIOTECHNO' ENTERED AT 12:09:32
          ON 17 SEP 2001
L4          3619 S GALACTOSE (2N) OXIDASE
L5             2 S L1 AND THERMOSTAB?

          FILE 'CEABA-VTB' ENTERED AT 12:10:23 ON 17 SEP 2001
L6            24 S GALACTOSE (2N) OXIDASE
L7             0 S L1 AND THERMOSTAB?
L8             0 S L6 AND THERMOSTAB?

=> s l4 and thermostab
             516 GALACTOSE
            1954 OXIDASE
             104 OXIDASES
            1988 OXIDASE
                  (OXIDASE OR OXIDASES)
              24 GALACTOSE (2N) OXIDASE
               3 THERMOSTAB
L9             0 L4 AND THERMOSTAB

         (FILE 'HOME' ENTERED AT 12:06:07 ON 17 SEP 2001)

          FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 12:07:51 ON 17 SEP
          2001
L1          3369 S GALACTOSE (2N) OXIDASE
```

```
L2              2 S L1 AND THERMOSTAB?
L3              2 DUP REM L2 (0 DUPLICATES REMOVED)


    FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA, BIOTECHNO' ENTERED AT 12:09:32
    ON 17 SEP 2001
L4           3619 S GALACTOSE (2N) OXIDASE
L5              2 S L1 AND THERMOSTAB?


    FILE 'CEABA-VTB' ENTERED AT 12:10:23 ON 17 SEP 2001
L6             24 S GALACTOSE (2N) OXIDASE
L7              0 S L1 AND THERMOSTAB?
L8              0 S L6 AND THERMOSTAB?
L9              0 S L4 AND THERMOSTAB


    FILE 'BABS' ENTERED AT 12:11:22 ON 17 SEP 2001
L10             0 S L6 AND THERMOSTAB?
L11             0 S L6 AND THERMOSTAB?
L12            66 S GALACTOSE (2N) OXIDASE
L13             0 S L12 AND THERMOSTAB?


    FILE 'BIOBUSINESS' ENTERED AT 12:11:57 ON 17 SEP 2001
L14            16 S GALACTOSE (2N) OXIDASE
L15             0 S L4 AND THERMOSTAB?
L16             0 S L14 AND THERMOSTAB?


    FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 12:12:23 ON 17 SEP
    2001
L17          3369 S GALACTOSE (2N) OXIDASE
L18            31 S L17 AND HEAT
L19            18 DUP REM L18 (13 DUPLICATES REMOVED)
L20           119 S L17 AND (MUTANT? OR VARIANT?)
L21            65 DUP REM L20 (54 DUPLICATES REMOVED)


    FILE 'STNGUIDE' ENTERED AT 12:29:04 ON 17 SEP 2001


    FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 12:31:20 ON 17 SEP
    2001
L22            19 S L21 AND (VMAX OR KM OR ACTIVITY)
L23            19 DUP REM L22 (0 DUPLICATES REMOVED)


    FILE 'STNGUIDE' ENTERED AT 12:33:47 ON 17 SEP 2001


    FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 12:45:21 ON 17 SEP
    2001
                  E DELAGRAVE
L24         54524 S D3
L25             6 S E3
L26             0 S L25 AND OXIDASE
L27             0 S DELAGRAVE AND OXIDASE
                  E COLEMAN
L28          1550 S E3
L29             5 S L28 AND OXIDASE
L30             3 DUP REM L29 (2 DUPLICATES REMOVED)
                  E AU=COLEMAN
                  E DELAGRAVE
L31             0 S E3 AND OXIDASE
L32             0 S E3 AND THERMOSTABILITY
L33             3 S E3 AND VARIANT

=> logoff hold
```

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:52:43 ON 17 SEP 2001
Connection closed by remote host

Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:ssspta1652yxp
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

 * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

        (FILE 'HOME' ENTERED AT 14:43:35 ON 03 OCT 2001)

        FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 14:43:49 ON 03 OCT
        2001
```
L1        3714 S GALACTOSE (S) OXIDASE
L2         123 S L1 AND (THERMOSTABILITY OR THERMAL OR STABLE)
L3          56 S L1 AND (THERMOSTABILITY OR THERM?)
L4           3 S L3 AND (MUTANT OR VARIANT)
L5           2 DUP REM L4 (1 DUPLICATE REMOVED)
L6          39 DUP REM L3 (17 DUPLICATES REMOVED)
L7          33 S L1 AND RESIDUE AND TEMPERATURE
L8          18 DUP REM L7 (15 DUPLICATES REMOVED)
L9           1 S L8 AND (MUTANT OR VARIANT OR MUTAGEN?)
L10        170 S L1 AND (MUTANT OR VARIANT OR MUTAGEN?)
L11         97 DUP REM L10 (73 DUPLICATES REMOVED)
L12         34 S L11 AND (ACTIVITY OR THERMOSTABILITY OR VMAX)
L13         34 S L11 AND (ACTIVITY)
L14          1 S L11 AND (THERMOSTABILITY)
L15          1 S L11 AND (VMAX)
```

=> s l11 and (improv? or enhanc? or increas?)
```
L16         28 L11 AND (IMPROV? OR ENHANC? OR INCREAS?)
```

=> dup rem l16
PROCESSING COMPLETED FOR L16
```
L17         28 DUP REM L16 (0 DUPLICATES REMOVED)
```

```
L7         33 S L1 AND RESIDUE AND TEMPERATURE
L8         18 DUP REM L7 (15 DUPLICATES REMOVED)
L9          1 S L8 AND (MUTANT OR VARIANT OR MUTAGEN?)
L10       170 S L1 AND (MUTANT OR VARIANT OR MUTAGEN?)
L11        97 DUP REM L10 (73 DUPLICATES REMOVED)
L12        34 S L11 AND (ACTIVITY OR THERMOSTABILITY OR VMAX)
L13        34 S L11 AND (ACTIVITY)
L14         1 S L11 AND (THERMOSTABILITY)
L15         1 S L11 AND (VMAX)
L16        28 S L11 AND (IMPROV? OR ENHANC? OR INCREAS?)
L17        28 DUP REM L16 (0 DUPLICATES REMOVED)
```